IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with s̶t̶r̶i̶k̶e̶t̶h̶r̶o̶u̶g̶h̶. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 2, 3, 4, and 24 in accordance with the following:

1. (CURRENTLY AMENDED) A moving image data controlling apparatus comprising:

a moving image source input unit inputting moving image data containing image frames;

a moving image data encoding unit compressing the moving image data from the moving image source input unit;

an information input unit inputting control information externally-produced and designating a <u>display effect</u> processing for arbitrarily designated partial image data among said image frames of the moving image data inputted through said moving image source input unit, said <u>display effect</u> processing being implemented to each of said image frames of the moving image data in entirety responsive to designation of said partial image data<u>, and said display effect processing causing said partial image data to be displayed with the display effect</u>;

a control information encoding unit compressing the control information from the information input unit; and

a data integrating unit integrating the compressed moving image data from the moving image data encoding unit with the compressed control information from the control information encoding unit without affecting the moving image data<u>, the control information causing said partial image data to be displayed with the display effect upon being displayed</u>.

2. (PREVIOUSLY PRESENTED) A moving image data controlling apparatus comprising:

a digital moving image source input unit inputting digital moving image data comprising plural data of a predetermined partial image unit;

a digital moving image data encoding unit compressing the digital moving image data from the digital moving image source input unit;

an area information input unit inputting area information externally-produced and defined for each arbitrarily designated predetermined partial image unit of the digital moving image data inputted through said digital moving image source input unit;

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an area information encoding unit compressing the area information from the area information input unit; and

a data integrating unit integrating the compressed area information from the area information encoding unit, as additional information for all pixels in each arbitrarily designated predetermined image unit of the digital moving image data inputted through said digital moving image source input unit, with the compressed digital moving image data from the digital moving image data encoding unit, where said compressed digital moving image data is changed in entirety in accordance with said area information without affecting the digital moving image data.

3. (CURRENTLY AMENDED) A moving image data storing method comprising:

inputting moving image data containing image frames;

compressing the moving image data;

inputting control information externally-produced and designating a <u>display effect</u> processing for arbitrarily designated partial image data among said image frames of the inputted moving image data, said <u>display effect</u> processing being implemented to each of said image frames of the moving image data in entirety responsive to designation of said partial image data<u>,</u> <u>said display effect processing causing said partial image data to be displayed with the display effect</u>;

compressing the control information;

integrating the compressed moving image data with the compressed control information without affecting the moving image data<u>, the control information causing said partial image data to be displayed with the display effect upon being displayed</u>; and

storing the integrated moving image data and the control information.

4. (CURRENTLY AMENDED) A computer readable medium storing a computer program which when executed by a computer causes the computer to execute operations, comprising:

inputting moving image data containing image frames;

compressing the moving image data;

inputting control information externally-produced and designating a <u>display effect</u> processing for arbitrarily designated partial image data among said image frames of the inputted moving image data, said <u>display effect</u> processing being implemented to each of said image frames of the moving image data in entirety responsive to designation of said partial image data<u>,</u> <u>said display effect processing causing said partial image data to be displayed with the display</u>

effect;

compressing the control information; and

integrating the compressed moving image data with the compressed control information without affecting the moving image data, the control information causing said partial image data to be displayed with the display effect upon being displayed.

5. (WITHDRAWN) A moving image data controlling apparatus comprising:

a moving image source input unit inputting moving image data;

an information input unit inputting control information designating processing for the moving image data inputted through said moving image source input unit; and

a data changing unit executing data change designated by the control information to a moving image data stream obtained from the moving image source input unit.

6. (WITHDRAWN) A moving image data controlling apparatus according to Claim 5, wherein said data changing unit executes the data change while said moving image data stream is reproduced.

7. (WITHDRAWN) A moving image data controlling apparatus according to Claim 5, further comprising:

an instructing unit instructing said data changing unit whether the data change is executed and/or how to change data when the data change is executed in accordance with an input from a user or from another event.

8. (WITHDRAWN) A moving image data reproducing method comprising:

inputting moving image data;

inputting control information designating a processing for the moving image data; and

executing the processing designated by the control information to a moving image data stream obtained from the inputted moving image data.

9. (WITHDRAWN) A moving image data reproducing method according to Claim 8, wherein the data change is executed while said moving image data stream is reproduced.

10. (WITHDRAWN) A moving image data reproducing method according to Claim 8,

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wherein an instruction from a user or another event is inputted, and an existence of the data change and/or a content change are decided in accordance with the inputted instructions or the inputted event.

11.   (WITHDRAWN) A computer readable medium storing a program which when executed by a computer causes the computer to execute the operations comprising:
        inputting moving image data;
        inputting control information designating processing for the inputted moving image data; and
        executing data change designated by the control information to a moving image data stream obtained from the inputted moving image data.

12.   (WITHDRAWN) A moving image data controlling apparatus comprising:
        a digital moving image source input unit inputting digital moving image data comprising plural data of a predetermined image unit;
        an area information input unit inputting area information defined for each predetermined image unit of the digital moving image data inputted through said moving image source input nit; and
        a data changing unit obtaining a digital moving image stream from the moving image source input unit and executing data change to pixels of the digital moving image data designated by the control information in each predetermined image unit of the digital moving image stream.

13.   (WITHDRAWN) A moving image data controlling apparatus according to claim 12, further comprising:
        an instructing unit instructing said data changing unit whether a pixel value is changed and/or how to change the pixel value when the pixel value is changed.

14.   (WITHDRAWN) A moving image data controlling method comprising:
        inputting digital moving image data comprising plural data of a predetermined image unit;
        inputting area information defined for each predetermined image unit of the inputted digital moving image data;
        obtaining a digital moving image stream from the digital moving image data; and

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executing data change to pixels of the digital moving image data designated by the control information in each predetermined image unit of the digital moving image stream.

15.   (WITHDRAWN) A moving data controlling method according to claim 14, further comprising instructing whether a pixel value is changed and/or how to change the pixel value when the pixel value is changed.

16.   (WITHDRAWN) A computer readable medium storing a program which when executed by a computer causes the computer to execute the operations comprising:

inputting digital moving image data comprising plural data of a predetermined image unit;

inputting area information defined for each predetermined image unit of the inputted digital moving image data; and

obtaining a digital moving image stream from the inputted digital moving image data and executing data change to a pixel of the digital moving image data designated by the control information in each predetermined image unit of the digital moving image stream.

17. (WITHDRAWN) A moving image data controlling system comprising:

an encoder inputting and encoding moving image data and, separately, inputting and encoding control information indicating processing for the input moving image data, and integrating the encoded moving image data and the encoded control information; and

a decoder separating the encoded moving image data from the encoded control information, separately decoding the encoded moving image data and the encoded control information, and changing a moving image data stream obtained from the decoded moving image data based upon the decoded control information.

18. (WITHDRAWN) The moving image data controlling system according to claim 17, wherein the decoder comprises a data changing unit executing the changing of the moving image data stream obtained from the decoded moving image data.

19. (WITHDRAWN) The moving image data controlling system according to claim 18, wherein the decoder further comprises an instructing unit providing instructions about changing the moving image data stream to the data changing unit.

20. (WITHDRAWN) The moving image data controlling system according to claim 19, wherein the instructing unit comprises a graphical user interface comprising a dialog box displayed on a screen.

21. (WITHDRAWN) The moving image data controlling system according to claim 18, wherein the decoder decodes the encoded control information into mask data input to the data changing unit.

22. (WITHDRAWN) The moving image data controlling system according to claim 21, wherein the data changing unit receives the mask data and the decoded moving image data, applies a conversion to a pixel value designated by the mask data, and generates a mosaic in the moving image data.

23.   (CANCELLED)

24. (CURRENTLY AMENDED) A method of controlling moving image data, comprising:
   compressing the moving image data containing image frames;
   designating an arbitrary portion among said image frames ~~forming the moving image data~~ and defining the arbitrary portion as control information with respect to each of said image frames of the moving image data in entirety responsive to said designating, the control information <u>designating a display effect and</u> being compressed; and
   ~~controlling a display of~~<u>displaying</u> the moving image data by integrating an image data resulting from said compressing of the moving image data and the compressed control information<u>, thereby causing the image data to have the display effect while the image data is being displayed</u> ~~without affecting the moving image data~~.

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